



**REISSUE PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Broadening Reissue Application of:

Toshiaki HASHIZUME, Hisashi IECHIKA,  
Yasunori OGAWA, Shinji HABA and Akitaka YAJIMA

Serial No.: 10/014,937

Filed: December 14, 2001

For: PROJECTOR (As Amended)

Docket No.: 039791.98

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**SUBSTITUTE AND SUPPLEMENTAL REISSUE DECLARATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We, Toshiaki HASHIZUME, Hisashi IECHIKA, Yasunori OGAWA, Shinji HABA  
and Akitaka YAJIMA, hereby declare that:

1. We are a citizens of Japan with the addresses as stated below next to our names.
2. We have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the Oath/Declaration.
3. We believe that we are the original and first inventors of the subject matter which is claimed and for which a patent is sought and that is described and claimed in the reissue application and in U.S. Letters Patent No. 6,000,802 which issued from U.S. Patent Application No. 09/163,163 filed September 30, 1998.
4. We claim the priority benefit of the following applications:  
Japanese Patent Application No. 8-217652 filed August 19, 1996; and  
Japanese Patent Application No. 9-190004, filed July 15, 1997.

5. We acknowledge our duty to disclose information which is material to the examination of this reissue application in accordance with 37 C.F.R. §1.56(a).

6. We consider U.S. Patent No. 6,000,802 to be partly inoperative by reason of claiming less than we had a right to claim because the original claims are unduly limited and may not provide an adequate scope of protection. For example, claims 1-19 of the 802 patent recite a "projection-type display apparatus" instead of a --projector--. Also, claims 2-4, 7-9, 21-23 and 26-28 recite a "reflector" instead of a --reflecting mirror--.

7. Regarding new claims 20-38, the error also arose at least in failing to include claims of a scope which include the following features: a power supply; and input/output interface circuit; a video signal processing circuit; a control circuit; and an outer casing.

8. Regarding new claims 39-46, the error also arose at least in failing to include claims of a scope which include a light guiding system.

9. Regarding new claims 47-52, the error also arose at least in failing to include claims of a scope which recite a method of manufacturing a projector.

10. Claims were amended and added to this reissue application subsequent to the filing of the previous Reissue Declaration, and thus this declaration also constitutes a Substitute and Supplemental Reissue Declaration. All errors in the patent which were corrected in the present reissue application and which are not covered by the prior Reissue Declaration submitted in this application arose without any deceptive intention on the part of the Applicants.

11. All errors being corrected in this reissue application up to the time of filing this declaration arose without any deceptive intention on our part.

12. We hereby revoke all prior powers of attorney and appoint the following as our attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Richard E. Rice, Reg. No. 31,560; Paul Tsou, Reg. No. 37,956; and  
Eric D. Morehouse, Reg. No. 38,565.

All correspondence in connection with this application should be sent to Oliff & Berridge, PLC, P.O. Box 19928, Alexandria, Virginia 22320, telephone (703) 836-6400.

13. We have reviewed and understand the contents of this reissue declaration, and all statements made herein of our knowledge are true, and all statements made on information and belief are believed to be true; and further these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent reissued thereon.

Date: Aug. 27. 2004

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